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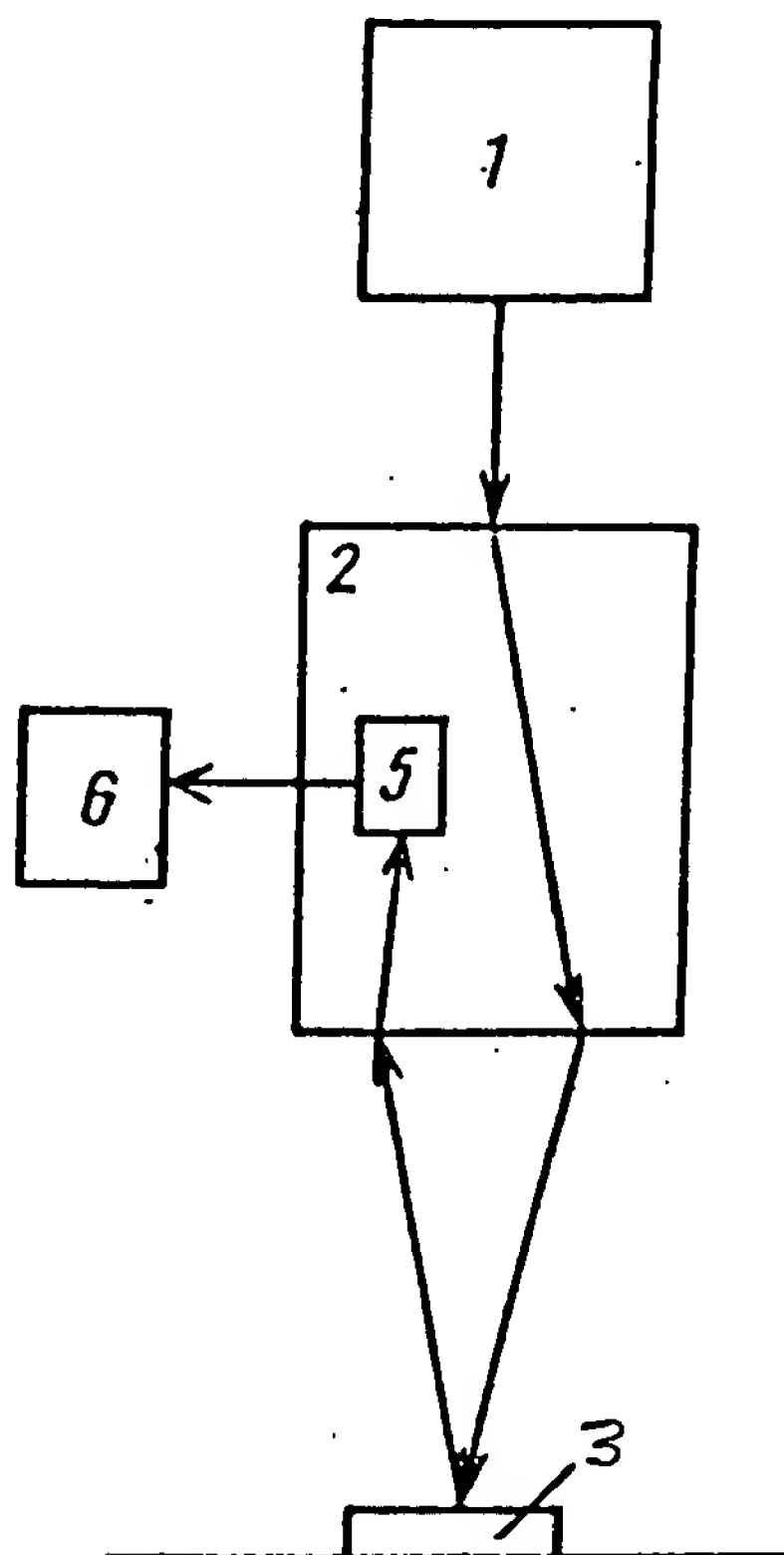
★ NWCO S02 93-218705/27 ★ SU 1747877-A1
Interference measurement of thickness of semi-conducting layers - includes direction of monochromatic light at various angles onto sample and plotting of angular dependency of reflected light intensity

NW CORRESPONDENCE POLY 90.02.28 90SU-4796932
(92.07.15) G01B 11/06

A monochromatic light is directed from a source through a beam directing unit onto a test sample (3) and a ray reflected from the sample is passed through the directing unit to a photoreceiver (5), passing a signal to a recorder (6). The angle of incidence is changed, to obtain the angular dependency of reflected light intensity and the result is calculated in terms of the distance between extrema of the function.

USE/ADVANTAGE - For determining thickness of semiconductor films. Improved efficiency is claimed. Bul.26/15.7.92 (5pp Dwg.No.4/4)
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Derwent House, 14 Great Queen Street, London WC2B 5DF England, UK

US Office: Derwent Inc., 1313 Dolley Madison Blvd., Suite 401, McLean VA 22101, USA

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